

Patent Abstracts of Japan

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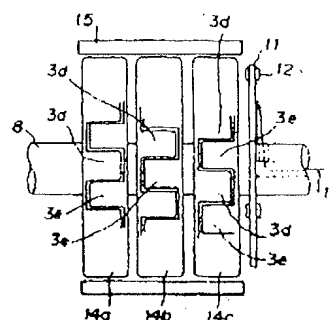
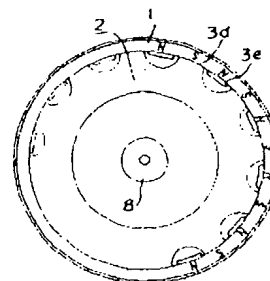
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TITLE : MULTIPOLAR AC MAGNET
GENERATOR



ABSTRACT : PURPOSE: To reduce the torque of an AC magnet generator at starting time by providing a plurality of yokes which includes a coil which relatively rotates oppositely to the poles of magnet magnetized in multiple poles, and disposing the poles in the state displacing the poles of the yokes.

CONSTITUTION: A stator 15 is formed of ring-shaped magnet 1 magnetized in multiple poles, poles 3d, 3e are alternately disposed inside, rotors 14a, 14b, 14c in which poles 3d, 3e are alternately disposed and which are formed of a yoke 2 containing generating coils are disposed in parallel with a shaft 8, and relatively rotated. Rotors 14a~14c are mounted in the state that the phases are sequentially displaced at the poles 3d, 3e, the outputs from the coils are rectified by a diode bridge 12 secured through an insulating plate 11 to the shaft 8, connected in parallel, and supplied to a load. Therefore, the torque produced by the attracting force between the poles of the yoke 2 and the poles of the stator can be reduced, thereby facilitating starting.

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